L Number	Hits	Search Text	DB	Time stamp
1	0	(rotor near4 magnetic$5 near4 insulat$4) and (core near4 coil near6 stator) and (rotor near4 shaft) and (oscillat$4 vibrator)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:51
2	151	73/862.331.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
3	211	73/862.335.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
4	309	73/862.333.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:58
5	112	73/862.336.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
6	84	73/862.334.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 14:03
7	3	(73/862.331.ccls. 73/862.335.ccls. 73/862.333.ccls. 73/862.336.ccls. 73/862.334.ccls.) and (rotor and core and coil and stator) and (((guide near2 ring) or bearing) near4 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 14:10
-	142	73/862.331.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	2	6532831.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 16:37
-	10	("2498282" | "4881414" | "4907460" | "4972725" | "5046372" | "5083468" | "5195382" | "5578767" | "5637997" | "5796014" | "2001/0004849").PN.	USPAT	2003/09/02 16:38
-	207	73/862.335.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	303	73/862.333.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55

-	111	73/862.336.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/27 13:55
-	0	6532831.URPN.	USPAT	2003/09/02 16:58
-	5	(rotor near6 (core coil)) same ((first second two pair) near5 rotor) same ((oscillat$4 vibrat$4 signal$4) near6 coil) same ((rotat$4 near4 guid$4) or ((bearing or ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 17:15
-	368	(rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((bearing or ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/02 17:21
-	199	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((bearing or ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:43
-	142	((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:16
-	94	(rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:08
-	120	(rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:42
-	166	((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle)))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:18

-	10	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle)))) and ((shaft bar column) near8 rotor)) and (rotor near6 (conduct$4 copper cu metal$4 silver steel nickel) near6 (layer film strip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:23
-	10	((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle)))) and (rotor near6 (conduct$4 copper cu metal$4 silver steel nickel) near6 (layer film strip))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 15:24
-	114	(rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:32
-	84	(((((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((rotat$4 near4 guid$4) or ((ring or annular) near4 (guid$4 direct$4 regulat$4 control$4)))) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor near8 bearing) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) ((rotor near6 (core coil)) and ((first second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle)))) and ((shaft bar column) near8 rotor)) and ((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:18
-	84	((rotor near6 (core coil)) and ((second two pair) near5 rotor) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and ((ring annular) near4 (guid$4 direct$4 regulat$4 control$4)) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque angular$4 angle))) and ((shaft bar column) near8 rotor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:19

-	18	(rotor near6 (core coil)) and ((oscillat$4 vibrat$4 signal$4) near6 coil) and (((ring rotat$4 annular) near4 (guid$4 direct$4 regulat$4 control$4)) or bearing) and ((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((second plural$4 two pair) near3 rotor near6 (nonmagnetic$4 insulat$4 resin$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:36
-	18	4522278.URPN.	USPAT	2003/09/03 16:57
-	2	4996890.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 15:37
-	2	5490431.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 15:38
-	17	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) same ((second plural$4 two pair) near3 rotor near6 (nonmagnetic$4 insulat$4 resin$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 16:40
-	6	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) same (rotor near6 (nonmagnetic$4 insulat$4 resin$4) same ((second plural$4 two pair) near3 rotor near4 ((nonmagnetic$4 near3 metal$4) or copper or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 16:00
-	15843	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 12:53
-	530	(((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 element film ring portion circumferen$6 surround$4 encircl$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:01
-	50	((((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 element film ring portion circumferen$6 surround$4 encircl$4)))) and rotor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:00
-	203	((((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 element film ring portion circumferen$6 surround$4 encircl$4)))) and (rotor shaft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:02
-	552	(((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 foil element film ring portion circumferen$6 surround$4 encircl$4)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 13:02

-	212	((((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 foil element film ring portion circumferen$6 surround$4 encircl$4)))) and (rotor shaft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:14
-	6	("4356732" | "4881414" | "5200698" | "5390546" | "5426986" | "5578767").PN.	USPAT	2003/09/11 13:12
-	6	("4356732" | "4881414" | "5200698" | "5390546" | "5426986" | "5578767").PN.	USPAT	2003/09/11 13:53
-	14	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and (rotor near6 (nonmagnetic$4 insulat$4 resin$4) and ((second plural$4 two pair) near3 rotor near4 ((nonmagnetic$4 near3 metal$4) or copper or cu)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 16:57
-	10	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((rotor shaft) near6 (nonmagnetic$4 insulat$4 resin$4) and ((second plural$4 two pair) near3 (shaft rotor) near4 ((nonmagnetic$4 near3 metal$4) or copper or cu))) and ((serrat$4 project$4 layer film) near6 (circumferen$6 surround$4 encircl$4) near4 (rotor shaft))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/11 17:15
-	14	((((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and ((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet))) and (((conduct$4 metal$4) near4 (film layer cover$4 coat$4 sheet)) same ((nonconducti$4 nonmagnetic$4 non?conduct$4 non?magnetic$4 insulat$4) near6 (metal$4 cu copper) near6 (bod$4 foil element film ring portion circumferen$6 surround$4 encircl$4)))) and (rotor shaft) and (core near4 insulat$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:28
-	283	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and (rotor shaft) and (core near4 insulat$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:33
-	8	(((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and (rotor shaft) and (core near4 insulat$4)) and 73/$6.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 14:31
-	30	((measur$4 meter$4 sens$4 detect$4 determin$4 estimat$4 asses$4) near4 (torsion$4 rotat$4 torque)) and (rotor shaft) and (core near4 insulat$4 near4 magnetic$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/12 16:06
-	3	("4881414" "3890515" "4412198").pn.	USPAT	2003/09/12 16:07